

Innovation
for a Better Life



CHANGE YOUR ENERGY CHARGE YOUR LIFE



RESU



solar^{edge} LG Chem RESU & SolarEdge Solution: Home Solar + Storage Solution

- More Energy with a DC Coupled architecture that stores PV power directly to the battery
- Smart energy management for maximizing PV self-consumption
- Provides backup power in case of grid outages

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LG Chem

LG Chem RESU Product Compatible with SolarEdge (EU)



Models		RESU7H Type-R	RESU10H Type-R
Total Energy [kWh] ¹⁾		7.0	9.8
Useable Energy [kWh] ²⁾		6.6	9.3
Voltage Range [V]	Charge	400 ~ 450V DC	
	Discharge	350 ~ 430V DC	
Max. Continuous Power [kW]		3.5	5.0
Dimensions [W x H x D] / Weight		744 x 692 x 206mm / 75kg	744 x 907 x 206mm / 97kg
Expandable Storage		No	

1) Battery Total Energy is measured at the initial stage of battery life under the condition as follows : Temperature 25°C

2) Battery Usable Energy is based on battery cell only and lower values are expected with conversion losses to AC property use

Key Features of LG Chem RESU and SolarEdge Combination

LG Chem

- Compact Size & Easy Installation
- Diverse Battery Capacity Options
- Proven Li-ion Battery Technology of LG Chem

SolarEdge

- Backup Functionality
- Simple Design and Installation
- Enhanced Safety
- Full visibility with the Monitoring Platform

SolarEdge Products Compatible with LG Chem RESU (EU)



Inverter Model	SE5000-RWS
Nominal AC Output Power [W]	5000
Max. Charge / Discharge Current [A]	17.5
Nominal AC Voltage [V]	220 / 230
Dimensions with Connection Unit [W x H x D]	315 x 962 x 184mm
Weight with Connection Unit [kg]	26.5

Data above accurate at time of publishing, please refer to battery and inverter websites below for most recent and full specifications.

LG Chem: www.lgesspartner.com / SolarEdge: www.solaredge.com